Science 8  **Plate Tectonics Package**

1. In your own words, describe the difference between continental drift hypothesis and the theory of Plate Tectonics.
2. How did Wegener support this hypothesis? (Name four types of Evidence)

1. In your own words, describe the process of Sea Floor Spreading.

**Layers of the Earth**

1. In the space below, draw and label a diagram of the layers of the earth including: crust, mantle, outer core, inner core:

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| --- | --- |
| **How are the structures of an Avocado and Earth similar? (list at LEAST 3 similarities).** | **How are the structures of an Avocado and Earth different? (list at LEAST 3 differences)** |
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1. Tectonic plates are composed of which parts of Earth’s layers?
2. What are two types of crust? How are they different?

**Plate Motion**

1. Using scientific terms like density, current, and convection, describe how tectonic plates are able to move.
2. Where does the heat inside the Earth come from?